

SUMMARY

Waste Management consists of the Solid Waste Storage and Disposal, Project Baseline Summary (PBS) WM03, Work Breakdown Structure (WBS) 1.2.1.1, Solid Waste Treatment, PBS WM04, WBS 1.2.2.1; Liquid Effluents, PBS WM05, WBS 1.2.3.1; and Analytical Services, PBS WM06, WBS 1.2.4.1.

Waste Management Project continues to progress favorably.

Milestone performance (EA, DOE-HQ, Field Office, and RL) shows that four milestones (80 percent) were completed early or on schedule; and one milestone (20 percent) was completed late. One future RL milestone, submit of draft revised 222-S Part B Permit to Ecology, is in jeopardy due to unresolved Ecology issues. A change request is in process to extend the completion date for this milestone. Three FY 1997 milestones were not completed and will be dispositioned through the baseline change control process.

ACCOMPLISHMENTS

- Overpacked 904 183-H containers to date exceeding the performance indicator of 900 (WM 8.1.1).
- Submitted the Treated Effluent Disposal Facility and Effluent Treatment Facility quarterly discharge monitoring reports three days ahead of schedule (Supports LEP-98-007 and LEP-98-011).
- Submitted letter report identifying implementation of 222-S Laboratory redesigned laboratory process, critical skills, depth of staff, and actions to maintain technical capabilities (WM 8.1.1.2).

COST PERFORMANCE (\$M):

	BCWP	ACWP	VARIANCE
Waste Management	\$ 49.3	\$ 49.2	\$ 0.1

The less than one percent favorable cost variance is within the established (+10/-5%) threshold. However, there was a system input error which when corrected, will reflect a \$1.2 million (2.4 percent) favorable cost variance.

SCHEDULE PERFORMANCE (\$M):

	BCWP	BCWS	VARIANCE
Waste Management	\$49.3	\$ 50.1	(\$0.8)

The two percent unfavorable schedule variance is within established thresholds. However, there was an input error which when corrected, will reflect a less than one percent favorable schedule variance.

ISSUES

- 1) **340 Facility Polychlorinated Biphenyl (PCB).** PCB concentrations >50 parts per million (ppm) may impact the completion of the 340 tank clean out and the 340 Facility Shutdown Project Management Plan (WM 5.1.1). Sample results are needed March 16, 1998 to ensure adequate time to flush the tanks by March 30, 1998, in order to meet the tank cleanout performance agreement.

Strategy/Status: Sample analysis will be obtained from each tank to determine the levels of PCB concentrations. A meeting is scheduled to discuss corrective actions if > 50 ppm PCB's are discovered. EPA Region 10 concurs with the analytical method showing the first sample Toxic Substances Control Act limits.

- 2) **Idaho National Environmental Engineering Laboratory (INEEL) Waste Experimental Reduction Facility (WERF) Scheduling Delays.** INEEL scheduling delays may impact ability to ship debris waste for incineration this fiscal year.

Strategy/Status: INEEL will certify that waste meets WERF acceptance criteria by March 31, 1998, and prepare waste for shipment by September 1, 1998. If the certified waste cannot be accepted for treatment, a letter will be submitted to document non-shipment of the waste (per WM 2.1.1 criteria and specifications.)

COST VARIANCE ANALYSIS

WBS/PBS	COST VARIANCE: \$ 0.1M	
Solid Waste Storage & Disposal 1.2.1.1/WM03	Description/Cause: The total system project favorable cost variance of \$0.3M (2.5 percent); and the corrected* favorable cost variance of \$0.4M (3.3%) is within established - 5/+10% thresholds.	
Solid Waste Treatment 1.2.2.1/WM04	Description/Cause: The total project unfavorable cost variance of \$0.6M (4.2 percent); and the corrected* unfavorable cost variance of \$0.5M (3.4 percent) is within established - 5/+10% thresholds.	
Liquid Effluents 1.2.3.1/WM05	Description/Cause: The total project favorable cost variance of \$0.1M (0.9 percent); and the corrected* favorable cost variance of \$0.7M (5.8 percent) is within established - 5/+10% thresholds.	
Analytical Services 1.2.4.1/WM06	Description/Cause The total project favorable cost variance of \$0.3M (2.7 percent); and the corrected* favorable cost variance of \$0.6M (5.1 percent) is within established - 5/+10% thresholds.	

*System input error; when corrected cost variances are as reflected.

SCHEDULE VARIANCE ANALYSIS

WBS/PBS	SCHEDULE VARIANCE: (\$ 0.8M)
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Solid Waste Storage & Disposal 1.2.1.1/WM03	The total project unfavorable schedule variance of \$0.3M (2.4%) and the corrected* unfavorable schedule variance of \$0.2M (1.6 percent) is within established -7.5/+10% thresholds.	
Solid Waste Treatment 1.2.2.1/WM04	The total project unfavorable schedule variance of \$0.5M (3.4 percent) and the corrected* unfavorable schedule variance of \$0.4M (2.6 percent) is within established -7.5/+10% thresholds.	
Liquid Effluents 1.2.3.1/WM05	The total project unfavorable schedule variance of (\$0.3M) (2.5 percent) and the corrected* favorable schedule variance of \$0.3M (2.5 percent) is within established -7.5/+10% thresholds.	
Analytical Services 1.2.4.1/WM06	The total project favorable schedule variance of \$0.3M (2.8 percent) and the corrected* favorable schedule variance \$0.6M (5.8 percent) is within established -7.5/+10% thresholds.	

*System input error; when corrected schedule variances are as reflected.

MILESTONE EXCEPTION REPORT

Number/ WBS	Level	Milestone Title	Baseline Date	Forecast Completion Date
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OVERDUE - 0

FORECAST LATE - 1

AS-97-016 RL Submit revised 222-S Part B Permit for Review and Comment 3/31/98 8/1/98
1.2.4.1

Cause: Unresolved issues between Ecology, RL, and PHMC on the 222-S Laboratory notice of violations and penalties.

Impact: Late completion and submittal of the 222-S Part B Permit draft. However, assuming successful resolution of the issues, the delay will not impact the submittal of the final 222-S Part B Permit to Ecology on June 1, 1999.

Corrective Action: Continue negotiations to resolve issues between Ecology, RL, and the PHMC.

Note: Waste Management September 1997 year end report included six overdue milestones. Two of these milestones were rebaselined into FY 1998 or the out years via the baseline change control process; one milestone was deleted via the baseline change control process; and the remaining three will either be deleted or rebaselined into FY 1998.